

PTRS-550SM

CARBON BRUSHED DC MICRO MOTOR



38D x 57mmL (1.50D x 2.24inL)

VOLTAGE	3.6~9.6V
HOUSING LENGTH	57.0mm (2.24in)
DIAMETER	37.6mm (1.48in)
SHAFT LENGTH	75.0mm (2.95in)
SPEED (NO LOAD)	8050~15800 RPM
POWER (AT MAX EFF)	21.2~66.4W
TORQUE (AT MAX EFF)	291~410 g·cm (28.5~40.2 mN·m)
OPERATING TEMPERATURE	-30°C ~+80°C
WEIGHT	215g (7.58oz)

MODEL NUMBER	VOLTAGE (V)		NO LOAD		AT MAXIMUM EFFICIENCY					STARTING		
	OPERATING RANGE	NOMINAL	SPEED RPM	CURRENT A	SPEED RPM	CURRENT A	TORQUE g·cm	TORQUE mN·m	OUTPUT W	TORQUE g·cm	TORQUE mN·m	CURRENT A
PTRS-550SM-7522	3.6~9.6	7.2	15800	1.80	13500	10.90	410	40.2	66.4	2900	284	66.5
PTRS-550SM-6428	3.6~7.2	4.8	8050	1.11	6800	6.08	291	28.5	21.2	1880	184	33.2

